

Unit Armorer Sustainment Training



21st TSC G4 MAIT

Welcome

- Must be assigned as unit armorer or assistant armorer.
- Course not designed to certify you as a qualified armorer.
- Designed to refresh requirements and PMCS/Services.

The M.A.I.T.

- Maintenance **Assistance** and **Instruction** Team.
- Retired Military with more then 100 years of experience collectively

Course Objective

- To provide sustainment training for unit armorer's and assistant armorer's.
- Review Physical Security Requirements and Forms.
- Review POF and Ammunition Requirements.
- Review PMCS and Service Requirements.

Arms Room Construction

- Verified by qualified engineer personnel. Statements prepared on DA Form 4064-R.
- Indicate highest construction category (Class I, II, III, IV AA&E).
- Affixed on *inside* wall
- Revalidated by engineer personnel every 5 years.

Arms Room Personnel

- Commanders will determine the reliability and trustworthiness of personnel before they are assigned duties involving control of AA&E. (Para 2-11)
- Continued evaluation of AA&E personnel.
- Repeated every 3 years.

Required Forms and Regulations

- SF 702 (Security Container Check Sheet)
- DA Form 4930-R (Alarm Intrusion Detection Record)
- DA Form 5513-R (Key Control Register and Inventory)
- DA Form 3749 (Equipment Receipt)
- DA Form 7281-R (Security Screening and Evaluation Record)

Required Forms and Regulations

- AE Form 190-13I (Issue of Weapon and Ammunition) ***Not Intended to be used to replace applicable regulations!***
- AE Form 190-13H (G) Personnel/Vehicle Record of Admission ***(Obsolete Not replaced)***

Access Control (AR 190-11)

- Unaccompanied Access. (Persons authorized access **without escort.**)
- Accompanied Access. (Authorized Access **only with** escort.)

Key and Lock Control (AR 190-11)

- Padlocks and keys Inventoried semiannually.
- Inventory records maintained for 1 year.
- Authorized personnel to sign for keys.
- After duty hours location for storing keys.
(Unit safe, Higher HQ, MP station)
- Storage Container for arms room keys.
(minimum: 20 gauge steel with 200 series lock)

Inventory and Accountability

- Monthly Serial Number Inventories.
- ✓ Person may not be involved with arms room.
- ✓ Armorer may not conduct inventory.
- ✓ 1LT or above, NCO: SFC and above.
- ✓ Same person cannot conduct inventory two months consecutively.
- ✓ Maintained 2 years (no discrepancies) 4 years with discrepancies). (**AR 190-11 Chap 6**).

Inventory and Accountability

- **PHRH has direct responsibility for property.**
- **Hand receipts required whenever property book or durable items are issued.**
- **When end item issued on a change document has component shortages, a shortage annex is prepared.**
- **Signature establishes direct responsibility.**
- **Inventory must be conducted when hand receipt holder is replaced.**
- **Temporary hand receipt holder appointed for extended periods of leave (excess of 30 days).**
 - **Joint inventory conducted upon departure and return.**

Inventory and Accountability

- **Any component shortages must be recorded and placed on order.**
- **Use hand receipt annex to record shortages.**
 - Document number of requests for shortages included in block 'b' of DA Form 2062.
 - Assure items are on order, simplify reconciliation.
- **Accepts responsibility for end item and component by signing the component hand receipt.**
- **Preparer keeps copy, sub-hand receipt holder keeps file copy.**
- **Keep current.**
 - Post changes as they occur or use change document.

Weapon Control

- Must be on Master Authorization List (MAL).
- Issued with DA Form 3749, AE Form 190-13I, or DA Form 2062.
- Individuals may only sign for their assigned weapon.
- < 24 hours, issued on AE Form 190-13I.
- > 24 hours, on DA Form 3749 required.
- Crew served weapons: designated crew member.

Ammunition Storage

USAREUR Reg 385-64

- Risk Assessment prior to storing Ammo.
- Coordinated with BSB, ASG safety, logistics, security, fire protection and surveillance personnel.
- Copy posted in Arms Room, reviewed annually.

Ammunition Storage

USAREUR Reg 385-64

- HAZMAT symbols displayed.
- Licensed by ASG, BSB safety manager.
- > 50 km from ASP / AHA ...up to seven days.
- <50 km from ASP / AHA ... Kept overnight, when necessary over a weekend, but not more than 72 hours.

Ammunition Storage

USAREUR Reg 385-64

- 21st TSC G1 Safety Website
 - <http://www.21tsc.army.mil/aerpe/Safety%20Page%20-%20Modified/Index.htm>
- AMI required annually by USAREUR
- AMI Checklist:
 - <http://www.osc.army.mil/ib/ibq/surv/gen/survinfo.htm>
 - Use checklist to compare yourself to standards.
 - Mr. James Barton III, Quality Assurance Specialist (Ammunition Surveillance) DSN (314) 484-7319

P.O.F. Requirements

AE 190-13 Para 3-23

- Establish quantity and types of POF stored.
- Post policy and host-nation ownership info on unit bulletin board.
- All privately owned weapons registered with USAREUR central registry (AE Reg 190-6).
- Secured in approved arms room and approved locked container separated from other AA&E.
- Monthly inventory as military AA&E.
- DA Form 3749 issued for each POF in arms room.

P.O.F. Requirements

AE Reg 190-13

- When stored in arms room, must be able to be inventoried by serial number.
 - Tagged to show:
 - Name, Grade, SSAN, DEROS, Make, Caliber or Gauge, Serial Number of Weapon, Registration Number, Expiration of Registration. (AE Reg 190-6 Para 15[2])
- Withdraw POF and ammunition only with commander approval.
- Approval to withdraw **only** if individual has:
 - *Waffenbesitzkarte (German Weapons Permit).*
 - *Shipping weapon back to CONUS.*
 - *Intends to sell, transfer, or dispose of weapon.*

NVD Requirements

AE Reg 190-13

- Cabinets meet same criteria as those used to store arms inside arms room.
- NVD cabinet keys must be controlled at all times. **Maintained and issued separately from other keys.**

NVD/GPS Security

AE Reg 190-13

- At minimum, stored in secure structure complying with AR 190-51 Appendix B.
- Segregated from other items using approved metal wall lockers, security cabinets, or caging.
 - ✓ Material => 6 gauge cold-drawn steel, steel wire mesh (grid not more than 2 inches center to center).
 - ✓ Bolts welded or peened.
 - ✓ Anchored to the floor.
 - ✓ Extend to ceiling or have a top.

Security of Bayonets

- Sealed or locked footlocker or container inside unit arms room.
- Copy of inventory must be placed inside container before sealing it.
- Original kept in inventory records.
- Inventoried monthly with weapons.

HAZCOM

Hazard Communication Program

HAZCOM

Hazard Communication Standard

➤ References:

- 29 CFR 1910.1200, OSHA General Industry Standards, Subpart 2**
- Army Regulation 385-10**
- AE Regulation 385-10**
 - AE 385-10 provides guidance for the implementation of the Hazard Communication Standard in USAREUR.**

HAZCOM

Hazard Communication Standard

- Education and Training.
 - ✓ All military and civilian personnel exposed to hazardous chemicals or materials will receive HAZCOM briefings from the BSB safety office or the unit representatives.
 - ✓ Supervisors will brief workers on hazards and HAZCOM procedures in the workplace.
 - ✓ Training will be documented on DD Form 1556.

HAZCOM

Hazard Communication Standard

➤ Written Hazard Communication Program

Program at the unit level will include as a minimum:

- Labeling and warning sign procedures.
- Location and use of Material Safety Data Sheets (MSDS).
- Soldiers and civilians training on hazardous chemicals in the workplace and use of the MSDS.

HAZCOM

Hazard Communication Standard

- **Supervisor Responsibilities:**
 - ✓ Hazard chemical/material inventory.
 - ✓ Hazard chemical labeling.
 - ✓ Workplace assessment to determine those personnel who work with or are exposed to hazardous material or chemicals.
 - ✓ Ensure personnel receive HAZCOM briefings (App. A, AE 385-10).

HAZCOM

Hazard Communication Standard

➤ Labeling.

- All containers must be labeled.
- If labels are defaced or removed, containers must be relabeled immediately.
- **Exception:** Small quantities intended for immediate use, under the constant control of the intended user. Container cannot be left unattended or be transferred to another party.

HAZCOM

Hazard Communication Standard

- **Material Safety Data Sheet (MSDS) 29CFR1910.1200 (g).**
 - Required for each hazardous chemical used in the workplace.
 - Not required for cleaning products when they are used in normal quantities for their intended purposes.
 - Must be in English-additional copies may be provided in other languages.
 - Specific MSDS for each product.

HAZCOM

Hazard Communication Standard

➤ **Material Safety Data Sheet (MSDS)**
29CFR1910.1200 (g).

- Must be readily available in the workplace.

Readily Available?

- No barriers to access - real or perceived.
- Computers may be used if ALL personnel are trained and capable of retrieving the data. Must have a backup if PC fails.
- Available at all times when personnel are working.

HAZCOM

Hazard Communication Standard

- **General Safety Guidance: Storage:**
 - Maintain only the minimum required amount of hazardous materials.
 - Obtain the MSDS for every hazardous material. This is required for safe handling, usage, storage, and waste disposal.
 - Segregate hazardous material storage by hazard type and as recommended on the MSDS. (flammable, corrosive, etc.)

MSDS RESOURCES

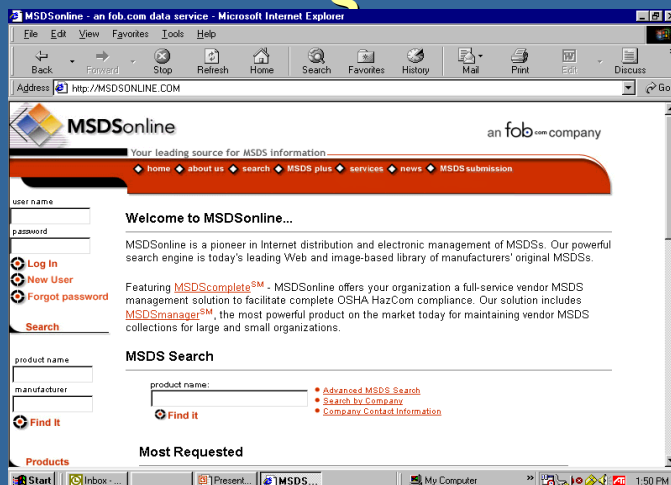
WEB SITES WITH MSDS INFORMATION



[HTTP://HAZARD.COM/MSDS/](http://hazard.com/msds/)



[HTTP://WWW.MSDSSEARCH.COM](http://www.msdssearch.com)



[HTTP://WWW.MSDSONLINE.CO](http://www.msdsonline.co)



[HTTP://WWW.DLIS.DLA.MIL/HMIS/](http://www.dlisl.dla.mil/hmis/)

Publications



Publications

Army and USAREUR Regulations

- **AR/AE Sup 750-1, Army Materiel Maintenance Policy and Retail Maintenance Operations.**
 - **DA Pam 750-1, Leaders Unit Maintenance Handbook.**
 - ***DA Pam 738-750, Functional Users Manual for The Army Maintenance Management System (TAMMS).**
- * *Use is required by AR 750-1 hence, procedures contained in this reference is REGULATORY!***

Publications Related to PMCS

- **Army and USAREUR Regulations incl, Supplement and Pam**
- **Technical Manual (TM)**
 - **PMCS Tables**
 - **Troubleshooting Tables**
 - **Lubrication Instructions**
 - **Maintenance Allocation Charts**
- **Technical Bulletin (TB) (TB 43-PS-XXX)**
- **Standing Operating Procedures (SOP)**
- **Publications Resources**
(DA PAM 25-30, ETMs, etc.)

Publications

TB Summary

Technical Bulletins generally provide information on a specific subject for equipment or item, it may authorize certain maintenance actions, and give advance information on future publication changes.

✓ PS Magazine (TB 43-PS-xxx)

**Use is required by AR 750-1 therefore, procedures in these references are REGULATORY!*

Publications

SOP

What is a SOP?

- ✓ **An SOP formally describes the way a unit performs it's mission.**
- ✓ **It is the commanders policy on unit procedures and policies.**
- ✓ **It is the lowest form of a regulation.**
- ✓ **Sample Unit Physical Security SOP at Appendix C, AE Reg 190-13.**

Publications

TM Suffix codes

The suffix code indicates the contents of the manual.

TM 9-1005-213-23&**P**



- TM 9-1005-213-10 = Operator/crew only
- TM 9-1005-319-23&**P** = Maintenance and **P**arts
- TM 9-2320-280-10**HR** = Hand **R**eceipts

Examples:

13&P = Crew/Operator, Organizational, and Direct Support Maintenance **and P**arts

24P = Organizational, Direct Support, and General Support, **P**arts Only

Publications

TM number Explanation

The Equipment Manual (TM, MWO, etc,) numbers are the same

TM 9-1005-213-10

MWO 9-1005-213-xxx

The basic number indicating the general type of equipment (9 = Ordnance, most weapons and vehicles)

The second set of numbers (four digits) represent the Federal Supply Class (FSC)

TM 9-1005-213-10

The third set of numbers (three digits) represents the sequence number that is assigned to the publication and indicates the type of equipment it pertains to.

Publications

TM number Explanation

The fourth set of number (two digits) represents the level of maintenance it pertains to.

TM 9-1005-213-10



- **10** **Operator/Crew**
- **20** **Organizational (Unit mechanics)**
- **30** **Direct Support**
- **40** **General Support**
- **50** **Depot Support**

Examples:

12 = Crew/Operator and Organizational Maintenance

23 = Organizational and Direct Support Maintenance

13 = Crew/Operator, Organizational and Direct Support Maintenance

Publications

Maintenance Allocation Chart (MAC)

- **The application of the maintenance functions to the end item or component will be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in column (4) as:**

Levels

✓ **Unit - two sub columns
(operator/crew)**

✓ **Direct Support**

✓ **General Support**

✓ **Depot**

Categories

C

O (unit)

F

H

D

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level				(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS		
			C	O	F	H	D	
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.3 0.1	0.7 0.2 0.3		..	2 2,3
00.1	CARRYING HANDLE ASSEMBLY M16A4/M4/M4A1	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.3 0.2			1,3 1,3
00.101	Rear Sight Assembly M16A4/M4/ M4A1							1,3 1,3
01	BOLT CARRIER ASSEMBLY							1,2 3
0101	Bolt Assembly	Inspect Test Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1 0.1 0.1			2 2 3
0102	Key and Bolt Carrier Assembly	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	 0.1	0.1 0.1 0.1			1 1,3

**Column 1 identifies
the group to which
the component is
assigned.**

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level				(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS		
			C	O	F	H	D	
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.3 0.1	0.7 0.2 0.3			2 2,3
00.1	CARRYING HANDLE ASSEMBLY M16A4/M4/M4A1	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1 0.1				
00.101	Rear Sight Assembly M16A4/M4/ M4A1	Inspect Replace Repair						
01	BOLT CARRIER ASSEMBLY	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1 0.1				
0101	Bolt Assembly	Inspect Test Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1 0.1				
0102	Key and Bolt Carrier Assembly	Inspect Service Remove/ Install Repair	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1			2 3 1 1,3

Column 2 identifies the component/assembly in question, i.e. *The assembly* is Carrying Handle Assembly and the *component* is the Rear Sight Assembly

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS	Depot		
			C	O	F	H	D		
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.3 0.1	0.7 0.2 0.3			2 2,3	
00.1	CARRYING HANDLE ASSEMBLY M16A4/M4/M4A1	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1 0.1				
				0.1	0.3 0.2			1,3 1,3	
00.101	Rear Sight Assembly M16A4/M4/ M4A1	Inspect Replace Repair			0.1 0.3 0.2			1,3 1,3	
01	BOLT CARRIER ASSEMBLY	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1				
0101	Bolt Assembly	Inspect Test Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1					
				0.1	0.1				
0102	Key and Bolt Carrier Assembly	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1		0.1				
				0.1	0.1 0.1			1 1,3	

Column 3 shows the action performed. See the MAC chart introduction for detailed explanations

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS	Depot		
			C	O	F	H	D		
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.1	0.7 0.2 0.3			2 2,3	
00.1	CARRYING HANDLE ASSEMBLY M16A4/M4/M4A1	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1 0.1 0.3 0.2			1,3 1,3	
00.101	Rear Sight Assembly M16A4/M4/ M4A1	Inspect Replace Repair			0.1 0.3 0.2			1,3 1,3	
01	BOLT CARRIER ASSEMBLY	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1 0.1 0.1 0.1 0.1 0.1			1,2 3 2 3 1,3	

Column 4 shows the maintenance category/level and the man-hour times. See the MAC chart introduction for detailed explanations

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS	Depo		
			C	O	F	H	D		
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.3 0.1	0.7 0.2 0.3			2 2,3	
00.1	CARRYING HANDLE ASSEMBLY	Inspect Service Remove/	0.1 0.1 0.1	0.1 0.1	0.1 0.1				
				0.1	0.3 0.2			1,3 1,3	
					0.1 0.3 0.2			1,3 1,3	
				0.1					
				0.1	0.1 0.1			1,2 3	
				0.1	0.1 0.1			2	
				0.1	0.1 0.1			2 3	
				0.1	0.1				
		Remove/ Install Replace Repair	0.1 0.1		0.1 0.1			1 1,3	

Column 5 shows the tools and equipment codes and indicates the tools needed for a designated function. See the MAC chart introduction for detailed explanations and section III for the tool and test equipment requirement listing.

**Section II. MAINTENANCE ALLOCATION CHART
FOR
M16A2/M16A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Group Number	(2) Component/ Assembly	(3) Maintenance Function	(4) Maintenance Level					(5) Tools and EQPt	(6) Remarks
			Unit		DS	GS	Depot		
			C	O	F	H	D		
00	M16A2, M16A3, M16A4 5.56MM RIFLE, AND M4/ M4A1 5.56MM CARBINES	Inspect Test Service Replace Overhaul	0.1 0.2	0.3 0.3 0.1	0.7 0.2 0.3			2 2,3	
00.1	CARRYING HANDLE ASSEMBLY M16A4/M4/M4A1	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1 0.1	0.1 0.1 0.3 0.2			1,3 1,3	
00.101	Rear Sight	Inspect			0.1			1,3	
					0.1			1,2 3	
		Service Remove/ Install Replace Repair	0.1 0.1		0.1 0.1			2 2 3	
0102	Key and Bolt Carrier Assembly	Inspect Service Remove/ Install Replace Repair	0.1 0.1 0.1	0.1	0.1 0.1 0.1			1 1,3	

This column, when applicable contain a letter code, alphabetical order which is keyed to the Remarks in Section IV.



Section IV. REMARKS

Reference Code	Remarks
A	Tool, Front Sight Detent
B	Depressor, Front Sight Detent
C	Tool, Pivot Pin Removal
D	Tool, Pivot Pin Installation
E	Pin, Slave

This code is recorded in Column 6, Section II of the MAC Chart

This column lists information pertinent to the maintenance function being performed as indicated in Section II of the MAC Chart.

Reference Code	Remarks
A	Tool, Front Sight Post Removal and Installation
B	Depressor, Front Sight Detent
C	Tool, Pivot Pin Removal
D	Tool, Pivot Pin Installation
E	Pin, Slave

PMCS

PMCS Standard

The Army has *one* maintenance standard. The maintenance standard is based on TM 10 and 20-series, PMCS. This standard applies to all equipment except training aids

PMCS is performed in order to identify and correct faults, and perform required services on all assigned equipment.

AR 750-1, Para 3-13-2a&b

PMCS Requirements

- All items requiring periodic services must be in ULLS-G.
- Periodic Service Schedule List from ULLS-G Clerk or Motor Sergeant.
- ULLS-G must be used when available.

(AR 750-1)

PMCS Requirements

- Status symbols used for weapons maintenance. (- / X X -*Last Name Initial*).
- DA Form 5988-E. Recording operator/crew PMCS.
 - One DA Form 5988-E for each weapon service.
- DA Form 5990-E Work Order Request.
 - Ten like items may placed on same work request.
- Conducting Periodic Services and Annual Gauging.

2. SERVICE UPON RECEIPT OF MATERIEL.

WARNING

Before starting an inspection, be sure to clear the rifle. Do not actuate the trigger before clearing the rifle. Inspect the chamber to make sure it is empty and free of obstructions, Check to see there are no obstructions in the barrel and no ammunition is in position to be chambered.

SERVICE UPON RECEIPT

LOCATION	ITEM	ACTION	REMARKS
1. Container	3. M16A2, M16A3, M16A4 rifle or M4/M4A1 carbine	a. Remove weapon from containers. b. Inspect the equipment for damage incurred during shipment.	If the equipment has been damaged, report the damage on SF Form 364, Report of Discrepancy (ROD).
	1. Basic issue items	c. Check the equipment against the the packing list to see if the shipment is complete. Check for missing items.	Report all discrepancies in accordance with the instructions of DA PAM 738-750. Refer to TM 9-1005-319-10 (operators manual).
2. M16A2, M16A3, M16A4 rifle or M4/M4A1 carbine	a. Barrel assembly	If volatile corrosion inhibitor (VCI) is in barrel, remove and discard.	
	b. All parts	a. Field-strip weapon and inspect for missing, damaged, and rusted or corroded parts. b. Clean and lubricate. c. Reassemble.	Refer to operator's Manual. Refer to operator's manual. Refer to operators manual.
		d. Function check.	Refer to page 2-69.

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

Item No.	Interval	Item to be Checked or Serviced	Procedure	Not Fully Mission Capable if:
WARNING Before starting an inspection, be sure to clear the weapon. Do not pull the trigger until the weapon has been cleared. Inspect the chamber to ensure that it is empty and no ammunition is in position to be chambered. Do not keep live ammunition near work area. NOTE An inactive weapon is a weapon which has been stored in an arms room for a period of 90 days without use. The weapon may or may not have been assigned to an individual. Inactive weapons shall receive quarterly PMCS unless inspection reveals more frequent servicing is necessary. Normal cleaning (PMCS) of an inactive weapon will be performed every 90 days. Should the unit armorer detect corrosion on a weapon prior to the end of the 90-day period, the PMCS should be performed immediately. Solid Film Lubricant (SFL) is the authorized touch up for the M16A2 Rifle and M4/M4A1 Carbine and may be used on up to one third of the exterior finish of the weapon. FOR ARMY CONUS USE ONLY AND AIR FORCE TRAINING WEAPONS ONLY: Solid Film Lubricant may be used as a touch up without limitation on the upper receiver and barrel assembly. This is to say that units which DO NOT fall under the category of Divisional Combat Units or rapid deployment type units may have up to 100 percent of the exterior surface of the upper receiver and barrel assembly protected with SFL. Prior to application of SFL, the surface must be thoroughly cleaned and inspected for corrosion and/or damage. If corroded or damaged, the part must be repaired or replaced prior to application of SFL. Continued use under combat conditions would result in an unprotected surface when the SFL wears off. This would result in a large light reflecting surface and accelerated deterioration of the unprotected surface. Therefore, Divisional Combat Units and units which fall under the definition of Rapid Deployment type must adhere to the limitation of NOT over one third of their exterior surface covered by SFL. When determining mission capability, deadline if it is a deficiency.				

**Weapon is NMCS if
annual gauging is not
performed!**

ITEM NO.	INTERVAL		SERVICED		EQUIPMENT NOT READY/AVAILABLE IF:
1	Quarterly		Annual DS safety and serviceability inspection and gaging	Check to ensure annual DS safety and serviceability inspection and gaging has been done on both barrels and that the next gaging and inspection is scheduled. If annual gaging has not been performed in the last year, notify Direct Support Maintenance. NOTE Ensure both barrels are tagged with serial number of receiver (near muzzle of barrel). Use brass tag (NSN 9905-00-473-6336). Tag is to be painted black and wired (NSN 9905-00-293-4208).	Annual gaging has not been performed and fails one or more checks.

Table 1. Unit Preventive Maintenance Checks and Services for

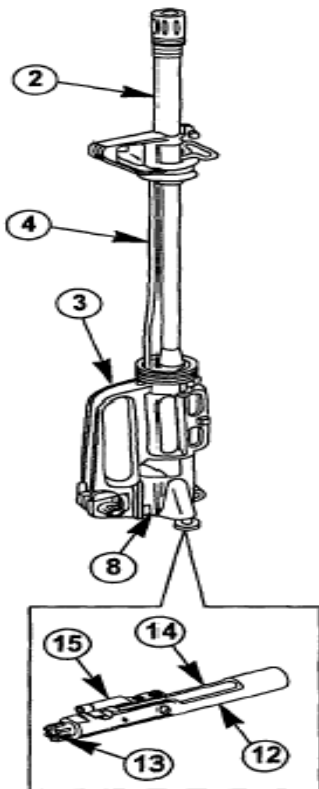
Both barrels MUST be submitted for gauging.

ITEM NO.	INTERVAL	CHECKED OR SERVICED	EQUIPMENT NOT AVAILABLE IF:
1	Quarterly	Annual DS safety and serviceability inspection	Check to ensure annual DS safety and serviceability inspection and gaging has been done on both barrels and that the next gaging and Annual gaging has not been performed and fails one or more checks.
NOTE Ensure both barrels are tagged with serial number of receiver (near muzzle of barrel). Use brass tag (NSN 9905-00-473-6336). Tag is to be painted black and wired (NSN 9905-00-293-4208).			

The equipment operator must conduct the PMCS in a particular sequence. The number under the "ITEM NO" column gives the PMCS

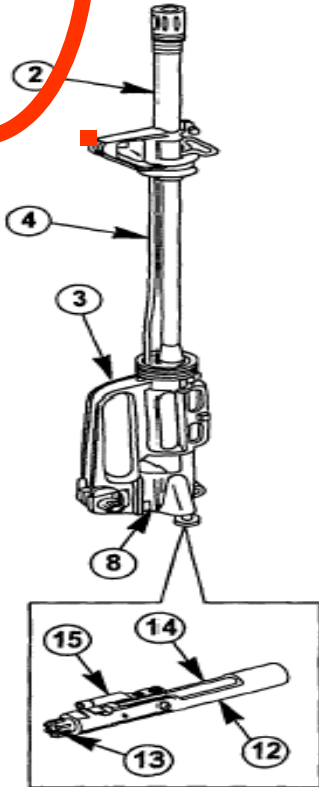
PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

Item No.	Interval	Item To Be Checked Or Serviced	Procedure	Not Fully Mission Capable If:
4	Quarterly (cont)	Upper receiver and barrel assembly (serviceability check)(cont)	Inspect upper receiver (3) finish for scratches or worn shiny spots. If scratched or worn shiny in spots, disassemble and remove all lubricant from surface with dry cleaning solvent (item 16, app D). Wear rubber gloves (item 18, app D) and use a wash pan (item 24, app D) to apply solvent. Let parts dry thoroughly. Roughen the surface using abrasive cloth (item 13, app D) and apply solid film lubricant (item 21, app D). Allow 16 to 24 hours to dry before handling. Hold barrel (2) at 40-degree angle (muzzle down). Pull charging handle (8) to rear. Hold bolt carrier assembly (12) to rear and push charging handle forward. Release bolt carrier assembly (12). The bolt carrier assembly should close and lock under its own weight. If it does not, remove the bolt assembly (13) from the key and bolt carrier assembly (14) and slide the key and bolt carrier assembly (without bolt) back and forth in the upper receiver and barrel assembly. If the gas tube (4) hits the carrier key (15), or if the gas tube binds in the carrier key, try to correct the malfunction by adjusting (slightly bending) the gas tube in the area of the handguard assemblies. If unable to adjust, evacuate to support maintenance.	Adjustment does not correct the malfunction.



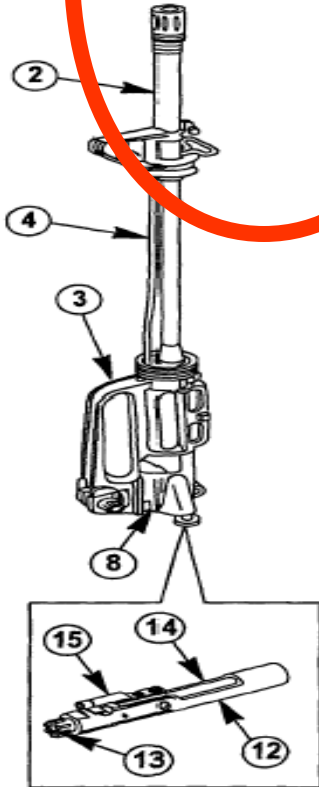
The "Interval" column shows how often you have to perform the check.

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

Item No.	Interval	Item To Be Checked Or Serviced	Procedure	Not Fully Mission Capable If:
4	Quarterly (cont)	Upper receiver and barrel assembly (serviceability check)(cont) 	Inspect upper receiver (3) finish for scratches or worn shiny spots. If scratched or worn shiny in spots, disassemble and remove all lubricant from surface with dry cleaning solvent (item 16, app D). Wear rubber gloves (item 18, app D) and use a wash pan (item 24, app D) to apply solvent. Let parts dry thoroughly. Roughen the surface using abrasive cloth (item 13, app D) and apply solid film lubricant (item 21, app D). Allow 16 to 24 hours to dry before handling. Hold barrel (2) at 40-degree angle (muzzle down). Pull charging handle (8) to rear. Hold bolt carrier assembly (12) to rear and push charging handle forward. Release bolt carrier assembly (12). The bolt carrier assembly should close and lock under its own weight. If it does not, remove the bolt assembly (13) from the key and bolt carrier assembly (14) and slide the key and bolt carrier assembly (without bolt) back and forth in the upper receiver and barrel assembly. If the gas tube (4) hits the carrier key (15), or if the gas tube binds in the carrier key, try to correct the malfunction by adjusting (slightly bending) the gas tube in the area of the handguard assemblies. If unable to adjust, evacuate to support maintenance.	Adjustment does not correct the malfunction.

The "Item to be Checked" column shows what to check.

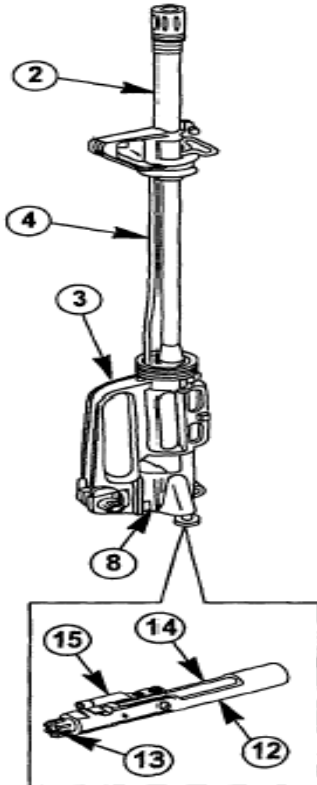
PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

Item No.	Interval	Item To Be Checked Or Serviced	Procedure	Not Fully Mission Capable If:
4	Quarterly (cont)	Upper receiver and barrel assembly (serviceability check)(cont) 	Inspect upper receiver (3) finish for scratches or worn shiny spots. If scratched or worn shiny in spots, disassemble and remove all lubricant from surface with dry cleaning solvent (item 16, app D). Wear rubber gloves (item 18, app D) and use a wash pan (item 24, app D) to apply solvent. Let parts dry thoroughly. Roughen the surface using abrasive cloth (item 13, app D) and apply solid film lubricant (item 21, app D). Allow 16 to 24 hours to dry before handling. Hold barrel (2) at 40-degree angle (muzzle down). Pull charging handle (8) to rear. Hold bolt carrier assembly (12) to rear and push charging handle forward. Release bolt carrier assembly (12). The bolt carrier assembly should close and lock under its own weight. If it does not, remove the bolt assembly (13) from the key and bolt carrier assembly (14) and slide the key and bolt carrier assembly (without bolt) back and forth in the upper receiver and barrel assembly. If the gas tube (4) hits the carrier key (15), or if the gas tube binds in the carrier key, try to correct the malfunction by adjusting (slightly bending) the gas tube in the area of the handguard assemblies. If unable to adjust, evacuate to support maintenance.	Adjustment does not correct the malfunction.

The "Procedure" column shows how to check the item.

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

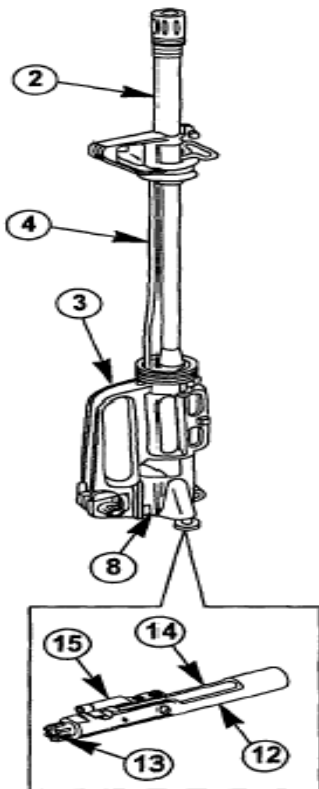
Item No.	Interval	Item To Be Checked Or Serviced	Procedure	Not Fully Mission Capable If:
4	Quarterly (cont)	Upper receiver and barrel assembly (serviceability check)(cont)	Inspect upper receiver (3) finish for scratches or worn shiny spots. If scratched or worn shiny in spots, disassemble and remove all lubricant from surface with dry cleaning solvent (item 16, app D). Wear rubber gloves (item 18, app D) and use a wash pan (item 24, app D) to apply solvent. Let parts dry thoroughly. Roughen the surface using abrasive cloth (item 13, app D) and apply solid film lubricant (item 21, app D). Allow 16 to 24 hours to dry before handling. Hold barrel (2) at 40-degree angle (muzzle down). Pull charging handle (8) to rear. Hold bolt carrier assembly (12) to rear and push charging handle forward. Release bolt carrier assembly (12). The bolt carrier assembly should close and lock under its own weight. If it does not, remove the bolt assembly (13) from the key and bolt carrier assembly (14) and slide the key and bolt carrier assembly (without bolt) back and forth in the upper receiver and barrel assembly. If the gas tube (4) hits the carrier key (15), or if the gas tube binds in the carrier key, try to correct the malfunction by adjusting (slightly bending) the gas tube in the area of the handguard assemblies. If unable to adjust, evacuate to support maintenance.	Adjustment does not correct the malfunction.



The “Not Fully Mission Capable” column shows what constitutes a PMCS Deficiency

PREVENTIVE MAINTENANCE CHECKS AND SERVICES FOR M16A2 RIFLE (CONT)

Item No.	Interval	Item To Be Checked Or Serviced	Procedure	Not Fully Mission Capable If:
4	Quarterly (cont)	Upper receiver and barrel assembly (serviceability check)(cont)	Inspect upper receiver (3) finish for scratches or worn shiny spots. If scratched or worn shiny in spots, disassemble and remove all lubricant from surface with dry cleaning solvent (item 16, app D). Wear rubber gloves (item 18, app D) and use a wash pan (item 24, app D) to apply solvent. Let parts dry thoroughly. Roughen the surface using abrasive cloth (item 13, app D) and apply solid film lubricant (item 21, app D). Allow 16 to 24 hours to dry before handling. Hold barrel (2) at 40-degree angle (muzzle down). Pull charging handle (8) to rear. Hold bolt carrier assembly (12) to rear and push charging handle forward. Release bolt carrier assembly (12). The bolt carrier assembly should close and lock under its own weight. If it does not, remove the bolt assembly (13) from the key and bolt carrier assembly (14) and slide the key and bolt carrier assembly (without bolt) back and forth in the upper receiver and barrel assembly. If the gas tube (4) hits the carrier key (15), or if the gas tube binds in the carrier key, try to correct the malfunction by adjusting (slightly bending) the gas tube in the area of the handguard assemblies. If unable to adjust, evacuate to support maintenance.	Adjustment does not correct the malfunction.



SYMPTOM INDEX

	Troubleshoot Procedures Page
Failure of magazine to lock in rifle.....	2-21
Failure to feed.....	2-22
Failure to chamber.....	2-22
Failure to lock.....	2-23
Failure to fire.....	2-24
Failure to unlock.....	2-26
Failure to extract.....	2-26
Failure to eject.....	2-27
Failure to cock.....	2-28
Short recoil.....	2-28
Rifle cannot be zeroed.....	2-30
Failure to cycle with selector lever set on BURST.....	2-31
Fires two rounds with one pull of trigger with selector lever set on SEMI (double firing).....	2-31
Fires with selector lever on SAFE or when trigger is released with selector lever on SEMI.....	2-31
Bolt assembly falls to lock to rear after firing last round.....	2-32

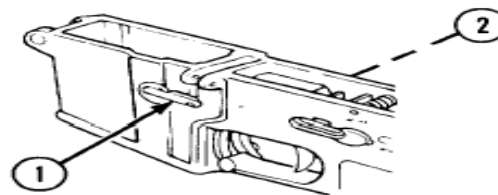
Cycles of Fire

TROUBLESHOOTING

MALFUNCTION TEST OR INSPECTION CORRECTIVE ACTION

1. FAILURE OF MAGAZINE TO LOCK IN RIFLE.

- Step 1. Dirty or corroded magazine catch (1).
Disassemble and clean.
- Step 2. Defective magazine catch spring (2).
Evacuate to support maintenance.
- Step 3. Worn or broken magazine catch (1).
Evacuate to support maintenance



TROUBLESHOOTING (CONT)

MALFUNCTION

TEST OR INSPECTION

CORRECTIVE ACTION

12. FAILURE TO CYCLE WITH SELECTOR LEVER SET ON BURST (M16A2 AND M4).

Faulty selector lever or broken cam, cam clutch spring, or burst disconnecter.

Evacuate to support maintenance.

- 12.1. FAILURE TO CYCLE WITH SELECTOR LEVER SET ON AUTO (M4A1).

Faulty selector lever.

Evacuate to support maintenance.

13. FIRES TWO ROUNDS WITH ONE PULL OF TRIGGER WITH SELECTOR LEVER SET ON SEMI (DOUBLE FIRING)

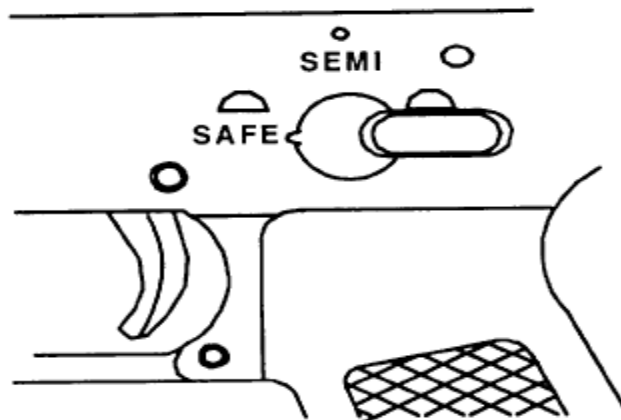
Perform function test.

If any part of function test (p 2-68) fails, evacuate to support maintenance.

14. FIRES WITH SELECTOR LEVER ON SAFE OR WHEN TRIGGER IS RELEASED WITH SELECTOR LEVER ON SEMI.

Worn, broken, or missing parts of firing mechanism.

Evacuate to support maintenance.



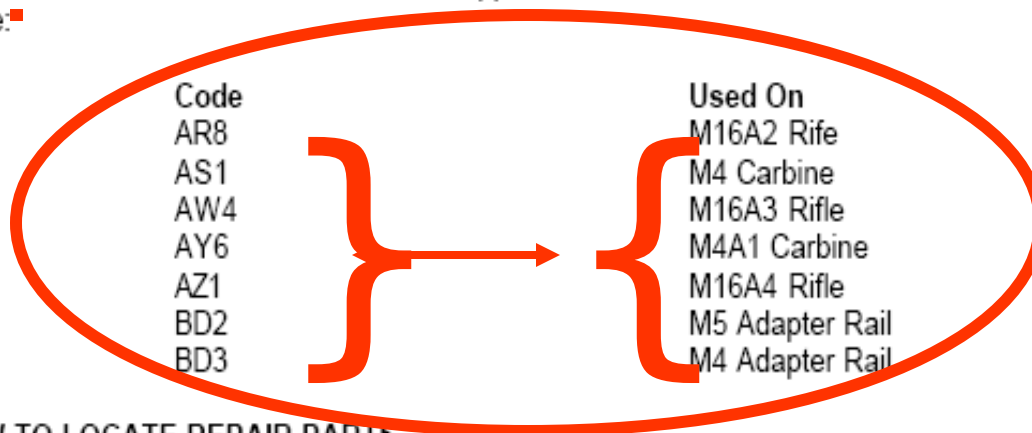
C-5. SPECIAL INFORMATION.

a. **ASSEMBLY INSTRUCTION.** Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in Chapter 3. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

b. **ASSOCIATED PUBLICATIONS.** The publications listed below pertain to the M16A2 rifle, M4/M4A1 carbine, and its components:

**Usable On Code (UOC)
identifies different models
covered by the TM.**

c. **USABLE ON CODE.** In heading, Usable on codes are shown as "UOC..." in DESCRIPTION column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are: ■



C-6. HOW TO LOCATE REPAIR PARTS. ■

a. **When National Stock Number or Part Number is Not Known.**

(1) **First.** Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

**Section III. TOOL AND TEST EQUIPMENT REQUIREMENTS
FOR
M16A2/M6A3/M16A4 RIFLE AND M4/M4A1 CARBINES**

(1) Tool/Test Equipment Ref. Code	(2) Maintenance Level	(3) Nomenclature	(4) National/NATO Stock Number	(5) Tool Number
1 (ARMY ONLY)	F	Shop Set, Small	4933-00-754-0664	SC 4933- 95-CL-A11
2 (ARMY ONLY)	F	Tool and gage Set, DS/GS Maintenance for 5.56mm Rifle, M16 Series	4933-00-056-7106	8426685
3 (ARMY ONLY)	O	Tool Kit, Small Arms Repairman	5180-00-357-7770	SC 5180-95- CL-A07

Repeal Murphy's Law!



**Do PMCS by the book
and everything that can
go wrong... WON'T!**

Job Ordering Weapons To DSU

- Weapons meet 10/20 standard.
- Clean and inspect before taking them to support.
- Weapon is completely assembled.
- Weapon tagged with unit number, serial number, POC, and job order number.

Job Ordering Weapons To DSU

- Take both barrels for M2, M240B, and M249 machine guns.
- Ensure you have proper signatures on work order.
- Don't turn in more than 10 work orders per day unless pre-approved.
- For gauging, don't put more than 10 **LIKE** weapons on DA Form 5990. List serial numbers in 'Remarks' section.

PLL

Ordering Parts

- Essential repair parts that keep the unit's critical equipment operational.
 - Commander is the approving authority for PLL.
 - All repair parts are serviceable; authorized quantities are on-hand or valid request.
 - Preclude waste of valuable resources.
 - PLL is kept to support 15 days operations.
 - Order service parts ahead of time (*by admin number*).

PLL Ordering Parts

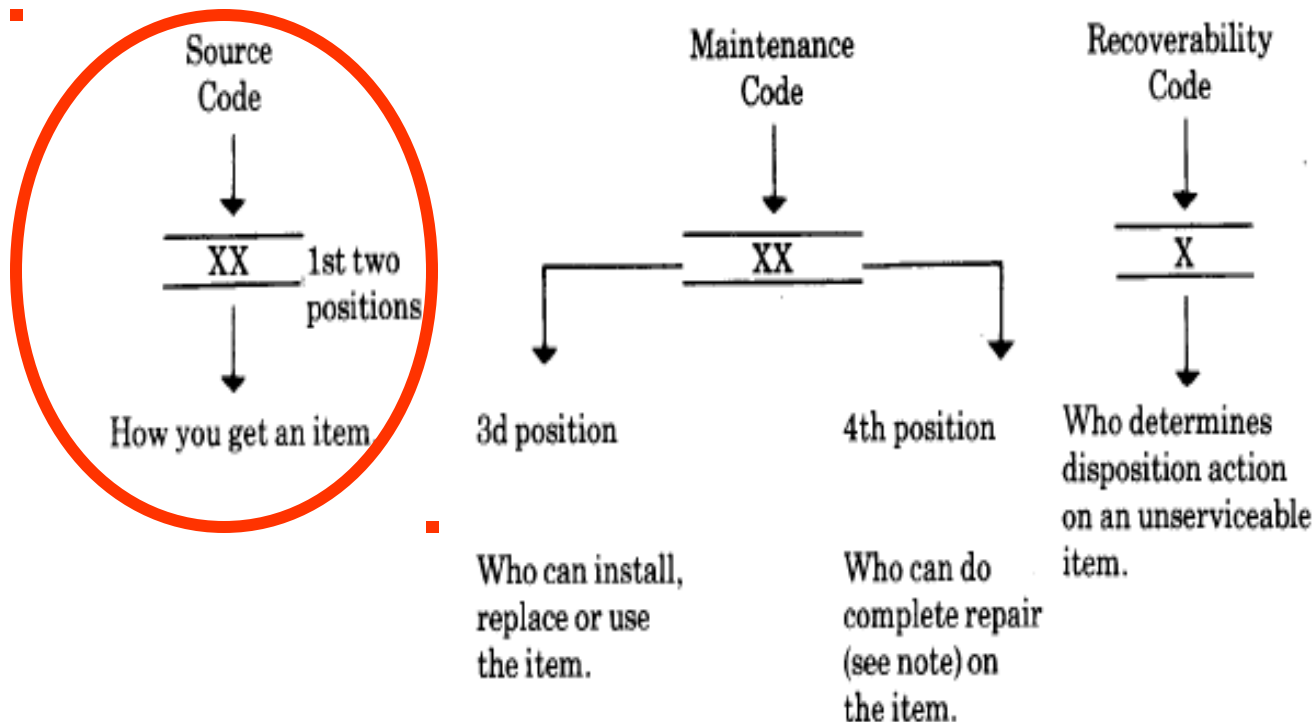
- Ordering Parts...Parts Manuals for items needed. (***SMR codes, Useable On Codes, Quantity Required, Priority***).
- Parts ordered for each weapon separately.
- Coordination with PLL Clerk/Motor Sergeant.
- Post-Post transactions.

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 CARBINE 5.56MM 9390000 CARBINE 5.56MM 12972700 M16A2, M16A3, M16A4, RIFLES M4A1 CARBINES	
1	PAOOO	1005-00-017-9			ASSEMBLY, CHARGING	1
2	AFFFF				BOLT CARRIER ASSEMBLY	1
3	AFFFF				RECEIVER AND BARREL ASSEMBLY (M16A3) UOC:AR8,AW4	1
3A	AFFFF				RECEIVER AND BARREL ASSEMBLY UOC:AZ1	1
3B	AFFFF				RECEIVER AND BARREL ASSEMBLY UOC:AS1	1
3C	AFFFF				RECEIVER AND BARREL ASSEMBLY UOC:AY6	1
4	PACZZ	1005-00-921-5			3, CARTRIDGE (30 ROUND)	1
5	PACZZ	1005-01-216-4			ALL ARMS (M16A2/M16A3/M16A4) 3,AW4,AZ1	1
5A	PACZZ	1005-01-368-9			ALL ARMS (M4/M4A1) 3,AY6	1
6	XAFFA				RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA				RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA				RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
					END OF FIGURE	

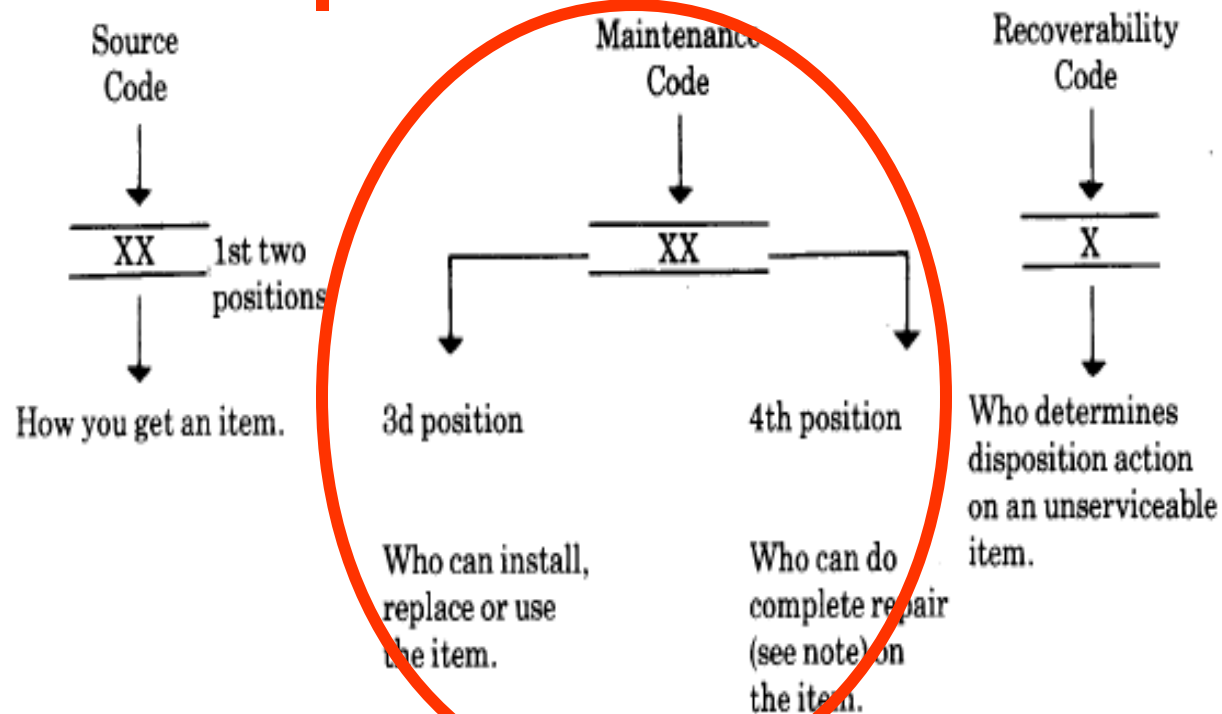
Know which
Group
Number the
item belongs
to. The Item
Number used
to identify
item in the
group
illustration.

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
1	PAOOO	1005-00-017-9546	19204	8448517	HANDLE ASSEMBLY, CHARGING	1
2	AFFFF		19200	12012001	ASSEMBLY	1
3	AFFFF		19200	9349100	ASSEMBLY	1
3A	AFFFF		19200	12972690	ASSEMBLY	1
3B	AFFFF		19200	12972690	ASSEMBLY	1
3C	AFFFF		19200	12972690	ASSEMBLY	1
4	PACZZ	1005-00-921-5004	19200	8448517	ND)	1
5	PACZZ	1005-01-216-4510	19204	12624561	SLING, SMALL ARMS (M16A2/M16A3/M16A4) UOC:AR8,AW4,AZ1	1
5A	PACZZ	1005-01-368-9852	19200	12011996	SLING, SMALL ARMS (M4/M4A1) UOC:AS1,AY6	1
6	XAFFA		19200	9349100	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
END OF FIGURE						

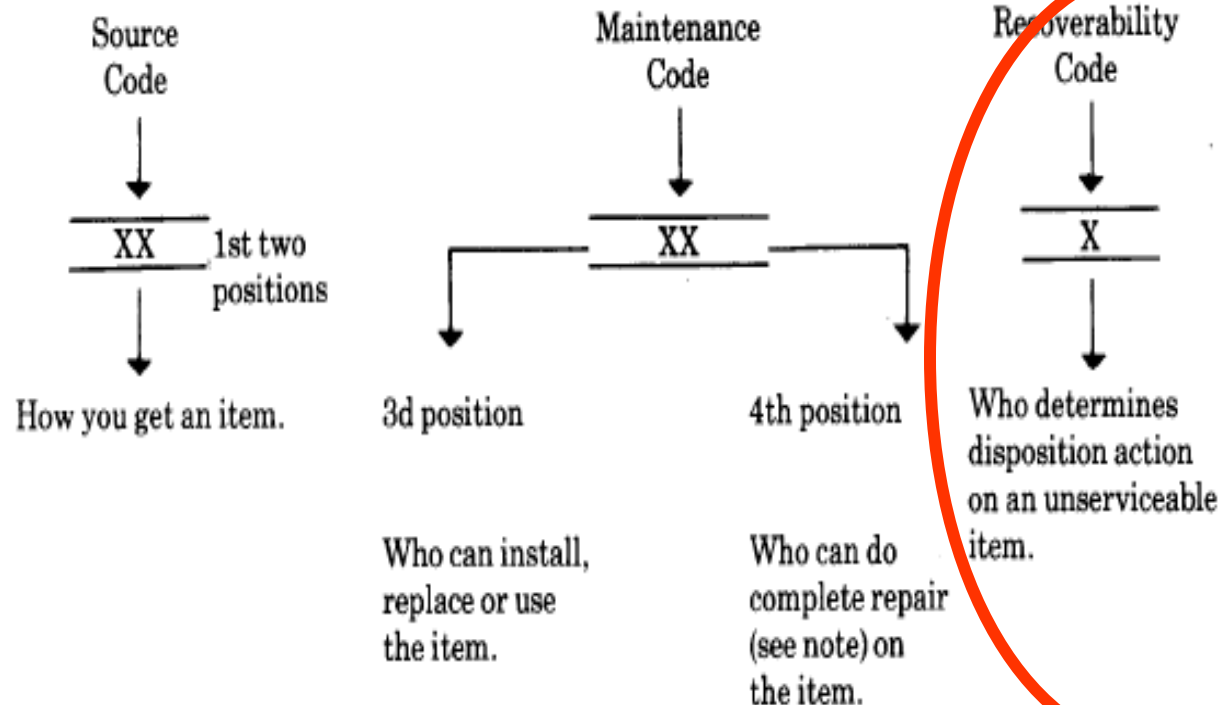
SMR Code as
described in
the following
breakout



*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.



*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.



*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Stocked Items. Use NSN to Order.

(1) **Source Code.**
an end item/equipment. Explanations of source codes follow.

repair, or over

Code

PA
PB
PC* *
PD
PE
PF
PG

Explanation

Stocked items; use the applicable NSN to request/requisition Items with these source codes They are authorized to the level indicated by the code entered in the 3d position of the SMR code.

* *NOTE: Items coded PC are subject to deterioration.

KD
KF
KB

Items with these codes are not to be requested/requisitioned Individually They are part of a kit which is authorized to the maintenance level indicated in the 3d position of the SMR code The complete kit must be requisitioned and applied.

MO-(Made at Unit/
AVUM Level)
MF- (Made at DS/
AVIM Level)
MH-(Made at GS
Level)
ML- (Made at Specialized Repair
Act (SRA))
MD-(Made at Depot)

Items with these codes are not to be requested/requisitioned Individually They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL If the Item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the Item from the higher level of maintenance.

(1) **Source Code.** The source code tells you how to get an item needed for maintenance, repair, or over an end item/equipment. Explanations of source codes follow:

Code	Explanation
PA PB PC* * PD PE PF PG	Part of Kit, <i>cannot</i> order separately. NOTE: Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned Individually They are part of a kit which is authorized to the maintenance level indicated in the 3d position of the SMR code The complete kit must be requisitioned and applied.
MO-(Made at Unit/ AVUM Level) MF- (Made at DS/ AVIM Level) MH-(Made at GS Level) ML- (Made at Specialized Repair Act (SRA)) MD-(Made at Depot)	Items with these codes are not to be requested/requisitioned Individually They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL If the Item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the Item from the higher level of maintenance.

(1) **Source Code.** The source code tells you how to get an item needed for maintenance, repair, or over an end item/equipment. Explanations of source codes follow:

Code	Explanation
PA	Stocked items; use the applicable NSN to request/requisition Items with these source codes. They are authorized to the level indicated by the code entered in the 3d position of the SMR code.
PB	
PC* *	
PD	
PE	
PF	

Must be made from bulk material.

RG	Ordered individually. They are part of a kit which is authorized to the maintenance level indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	

MO-(Made at Unit/ AVUM Level)	Items with these codes are not to be requested/requisitioned Individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
MF- (Made at DS/ AVIM Level)	
MH-(Made at GS Level)	
ML- (Made at Specialized Repair Act (SRA))	
MD-(Made at Depot)	

Items beginning with 'X'

XA-Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)

XB-If an "XB" item is not available from salvage, order it using the CAGEC and part number given.

XC-Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

XD-Item is not stocked. Order an "XD"-coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Authorized to Use and Repair

3rd Position: Lowest level to remove, replace and use an end item.

(2) Maintenance
REPAIR support

(1)
to remove, replace
of the following level

to USE and
as follows:

authorized
ation to one

Code

Application/Explanation

- | | | |
|---|---|---|
| C | ← | -Crew or operator maintenance done within unit or aviation unit maintenance. |
| O | ← | -Unit or aviation unit level can remove, replace, and use the Item. |
| F | ← | -Direct support or aviation intermediate level can remove, replace, and use the Item. |
| H | ← | -General support level can remove, replace, and use the Item. |
| L | ← | -Specialized repair activity can remove, replace, and use the Item. |
| D | ← | -Depot level can remove, replace, and use the Item |

4rd Position: Lowest level to perform all repair functions.

(b)

Identifies the lowest maintenance level with the capability to do complete repair (I e, perform all authorized repair functions). (NOTE: Some limited repair may be done on the Item at a lower level of maintenance, If authorized by the Maintenance Allocation Chart (MAC) and SMR codes I This position will contain one of the following maintenance codes

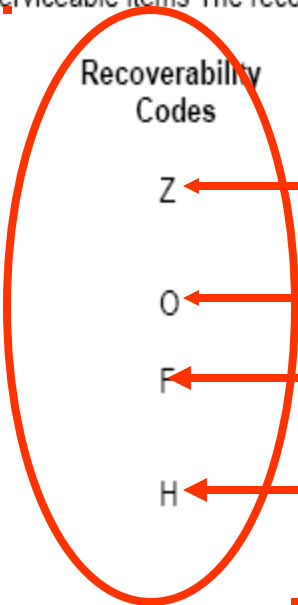
Code	Application/Explanation
O	-Unit or aviation unit is the lowest level that can do complete repair of the item
F	-Direct support or aviation Intermediate is the lowest level that can do complete repair of the Item
H	-General support is the lowest level that can do complete repair of the item .
L	-Specialized repair activity is the lowest level that can do complete repair of the item
D	-Depot is the lowest level that can do complete repair of the Item
Z	-Nonreparable. No repair Is authorized
B	-No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item) However, the Item may be reconditioned by adjusting, lubricating, etc , at the user level

5th Position: Disposition Action on Unserviceable Items.

(3) **Recoverability Code.** Recoverability codes are assigned to Items to Indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows.

Recoverability Codes

Application/Explanation



Z	←	Nonreparable item unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position) of SMR code
O	←	Reparable Item. When uneconomically reparable condemn and dispose of the item at unit or aviation unit level
F	←	Reparable Item. When uneconomically reparable, condemn and dispose of the Item at the direct support or aviation level
H	←	Reparable Item. When uneconomically reparable, condemn and dispose of the Item at the general support level

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
1	PAOOO	1005-00-017-9546	19204	8448517	HANDLE ASSEMBLY, CHARGING	1
2	AFFFF		19200	1201		1
3	AFFFF		19200	9349		1
3A	AFFFF		19200	1297		1
3B	AFFFF		19200	1297		1
3C	AFFFF		19200	1299		1
4	PACZZ	1005-00-921-5004	19200	8448		1
5	PACZZ	1005-01-216-4510	19204	12624561	SLING, SMALL ARMS (M16A2/M16A3/M16A4) UOC:AR8,AW4,AZ1	1
5A	PACZZ	1005-01-368-9852	19200	12011996	SLING, SMALL ARMS (M4/M4A1) UOC:AS1,AY6	1
6	XAFFA		19200	9349100	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
END OF FIGURE						

The NSN column
displays the
National Stock
Number of the Item.

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
1	PAOOO	1005-00-017-9540	19204	8448517	HANDLE ASSEMBLY, CHARGING	1
2	AFFFF		19200	12011849	BOLT AND BOLT CARRIER ASSEMBLY	1
3	AFFFF		19200	9349050	UPPER RECEIVER AND BARREL ASSEMBLY (M16A2/M16A3) UOC:AR8,AW4	1
3A	AFFFF		19200	12973010	UPPER RECEIVER AND BARREL ASSEMBLY (M16A2/M16A3) UOC:AR8,AW4	
3B	AFFFF		19200	12972690	UPPER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AW4	
3C	AFFFF		19200	12997148	UPPER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	
4	PACZZ	1005-00-921-5004	19200	8448670	MAGAZINE ASSEMBLY (M16A2) UOC:AW4	
5	PACZZ	1005-01-216-4510	19204	12624561	SLING UOC:AY6	
5A	PACZZ	1005-01-368-9852	19200	12011996	SLING UOC:AY6	
6	XAFFA		19200	9349100	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AW4	
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
					END OF FIGURE	

The CAGEC column shows the assigned code. (*Contractor And Government Entity Code*)

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
1	PAOOO	1005-00-017-9546	19204	8448517	HANDLE ASSEMBLY, CHARGING	1
2	AFFFF		19200	12011849	BOLT AND BOLT CARRIER ASSEMBLY	1
3	AFFFF		19200	9349050	UPPER RECEIVER AND BARREL ASSEMBLY (M16A2/M16A3) UOC:AR8,AW4	1
3A	AFFFF		19200	12973010	UPPER RECEIVER AND BARREL ASSEMBLY (M16A4) UOC:AZ1	
3B	AFFFF		19200	12972680	UPPER RECEIVER AND BARREL ASSEMBLY (M4) UOC:AS1	
3C	AFFFF		19200	12997148	UPPER RECEIVER AND BARREL ASSEMBLY (M4A1) UOC:AY6	
4	PACZZ	1005-00-921-5004	19200	8448670	MAGAZINE ASSEMBLY	
5	PACZZ	1005-01-216-4510	19204	12624561	SLING UOC:AS1	
5A	PACZZ	1005-01-368-9852	19200	12011996	SLING UOC:AS1	
6	XAFFA		19200	9349100	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
END OF FIGURE						

The Part Number
shows the
manufacturer
assigned number

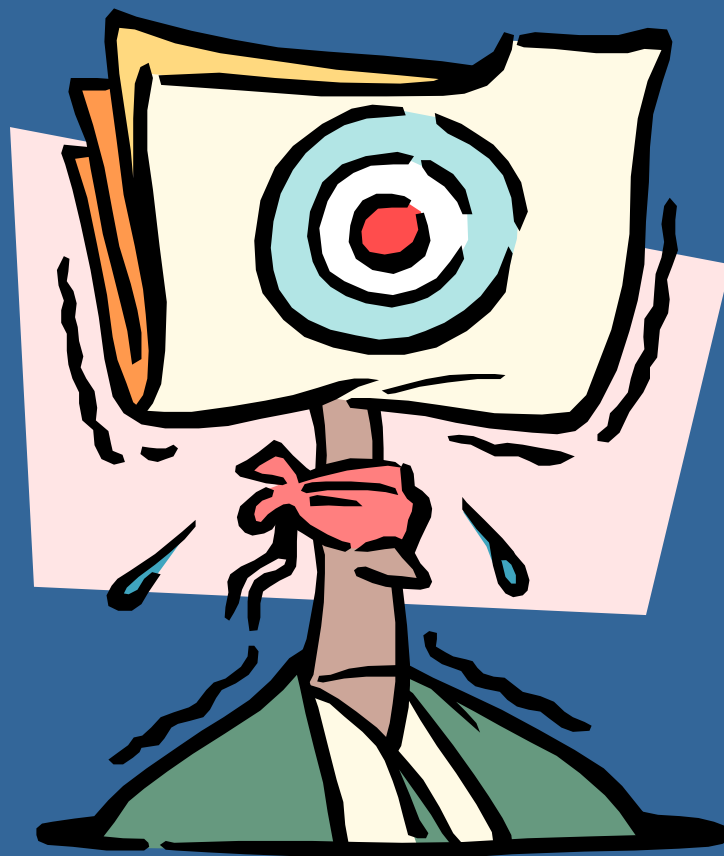
(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
1	PAOOO	1005-00-017-9546	19204	8448517	GROUP 10 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
					HANDLE ASSEMBLY, CHARGING	1
					BOLT AND BOLT CARRIER ASSEMBLY	1
					UPPER RECEIVER AND BARREL ASSEMBLY (M16A2/M16A3) UOC:AR8,AW4	1
					UPPER RECEIVER AND BARREL ASSEMBLY (M16A4) UOC:AZ1	1
					UPPER RECEIVER AND BARREL ASSEMBLY (M4) UOC:AS1	1
					UPPER RECEIVER AND BARREL ASSEMBLY (M4A1) UOC:AY6	1
					MAGAZINE, CARTRIDGE (30 ROUND)	1
5	PACZZ	1005-01-216-4510	19204	12624561	SLING, SMALL ARMS (M16A2/M16A3/M16A4) UOC:AR8,AW4,AZ1	1
5A	PACZZ	1005-01-368-9852	19200	12011996	SLING, SMALL ARMS (M4/M4A1) UOC:AS1,AY6	1
6	XAFFA		19200	9349100	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
					END OF FIGURE	

The Item
Description and
Usable On Code
(UOC)

(1) Item No.	(2) SMR Code	(3) NSN	(4) CAGEC	(5) Part Number	(6) Description and Usable On Code (UOC)	(7) Qty
					GROUP 00 (M16A2) RIFLE 5.56MM 9349000 (M16A3) RIFLE 5.56MM 12012000 (M16A4) RIFLE 5.56MM 12973001 (M4) CARBINE 5.56MM 9390000 (M4A1) CARBINE 5.56MM 12972700 FIG. C-1. M16A2, M16A3, M16A4, RIFLES AND M4/M4A1 CARBINES	
1	PAOOO	1005-00-017-9546	19204	8448517	HANDLE ASSEMBLY, CHARGING	1
2	AFFFF		19200	12011849	BOLT AND BOLT CARRIER ASSEMBLY	1
3	AFFFF		19200	9349050	UPPER RECEIVER AND BARREL ASSEMBLY (M16A2/M16A3) UOC:AR8,AW4	1
3A	AFFFF		19200	12973010	UPPER RECEIVER AND BARREL ASSEMBLY (M16A4) UOC:AZ1	1
3B					UPPER RECEIVER AND BARREL ASSEMBLY (M4) UOC:AS1	1
3C					UPPER RECEIVER AND BARREL ASSEMBLY (M4A1) UOC:AY6	1
4					MAZINE, CARTRIDGE (30 ROUND)	1
5					NG, SMALL ARMS (M16A2/M16A3/M16A4) UOC:AR8,AW4,AZ1	1
5A					NG, SMALL ARMS (M4/M4A1) UOC:AS1,AY6	1
6					LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A2) UOC:AR8	1
6A	XAFFA		19200	12012001	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A3) UOC:AW4	1
6B	XAFFA		19200	12598101	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M16A4) UOC:AZ1	1
6C	XAFFA		19200	9390011	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4) UOC:AS1	1
6D	XAFFA		19200	12972690	LOWER RECEIVER AND BUTTSTOCK ASSEMBLY (M4A1) UOC:AY6	1
7	AFFFF		19200	12951011	CARRYING HANDLE ASSEMBLY (M16A4, M4, M4A1) UOC:AS1,AY6,AZ1	
					END OF FIGURE	

The Qty column
shows how many
are required for the
figure.

Common Mistakes on DA Form 5988-E



DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

EQUIPMENT DATA

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 022673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE 10/98
09/01
CHANGE NUMBER

INSPECTORS LIC #:

TIME:

FAULT

DOC NUM

PRI

Make sure you have the
correct weapon.

MAINTENANCE FAULTS

ITEM NUMBER	FAULT DATE	FAULT STATUS	FAULT DISCRIPTION	CORRECTIVE ACTION	HRS	LIC

DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE
INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

----- EQUIPMENT DATA -----

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 822673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

NUMBER
PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE CHANGE NUMBER
10/98
09/01

INSPECTORS LIC #: _____

TIME: _____

FAULT

DOC NUM

Make sure you have the
correct service.

PRI

----- MAINTENANCE FAULTS -----

ITEM NUMBER	FAULT DATE	FAULT STATUS	FAULT DISCRIPTION	CORRECTIVE ACTION	HRS	LIC
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

EQUIPMENT DATA

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 022673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

NUMBER
PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE CHANGE NUMBER
10/98
09/01

INSPECTORS LIC #:

TIME:

SIGNATURE:

TIME:

PARTS REQUESTED

FAULT	DOC NUM	NIIN	NOUN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI
-------	---------	------	------	----------------	----------------	--------------	-----

ITEM NUMBER	FAULT DATE	FAULT STATUS
----------------	---------------	-----------------

HRS	LIC
-----	-----

Make sure you have the
correct publications with
current changes and
dates.

DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

EQUIPMENT DATA

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 022673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

NUMBER
PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE CHANGE NUMBER
10/98
09/01 07

INSPECTORS LIC #: TIME: SIGNATURE: TIME:

PARTS REQUESTED

FAULT	DOC NUM	NIIN	NOUN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI
001	4004 0001	012313138	Buffer Ass'y	001/000	4004		02N
002	4004 0002	00				04	02N
003	4004 0003	04				04	02N

Fault and item number
should match when parts
are ordered.

ITEM NUMBER	FAULT DATE	FAU STA		HRS	LIC
01	4 Jan 04	X	Buffer Cracked		
02	4 Jan 04	/	Swivel bent		
03	4 Jan 04	X	Forward Assist slips		

DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

EQUIPMENT DATA

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 022673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

NUMBER
PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE CHANGE NUMBER
10/98
09/01 07

INSPECTORS LIC #: TIME: SIGNATURE: TIME:

PARTS REQUESTED

Parts Received,
Not Installed

NOUN	QTY DUE/REC	STATUS DATE	DATE COMP	PRI
er Ass'y	001/000	4004		02N
el, sling	002/002	4004	4004	02N
ard Assist	001/000	4004	4004	02N

MAINTENANCE FAULTS

ITEM NUMBER	FAULT DATE	FAULT STATUS	FAULT DISCRIPTION	CORRECTIVE ACTION	HRS	LIC
01	4 Jan 04	X	Buffer Cracked			
02	4 Jan 04	/	Swivel bent			
03	4 Jan 04	X	Forward Assist slips			

DA Form 5988-E

DATE: 20040121

EQUIPMENT MAINTENANCE INSPECTION WORKSHEET

DA FORM 5988-E

W90CGP

25TH MAINTENANCE CO.

EQUIPMENT DATA

ADMIN NUM: W21
EQUIP MODEL: M16A2
EQUIP NOUN: Rifle, 5.56 W/E
EQUIPMENT NSN: 1005011289936

EQUIPMENT SERIAL NUM: 022673
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING:

NUMBER
PUBLICATION: TM 9-1005-319-10
PUBLICATION: TM 9-1005-319-23&P

DATE CHANGE NUMBER
10/98
09/01 07

INSPECTORS LIC #:

TIME:

SIGNATURE:

TIME:

FAULT	DOC NUM	NIIN
001	4004 0001	0123131
002	4004 0002	0040309
003	4004 0003	0444201

Priority Abuse,
Equipment Not
NMCS

STATUS	DATE COMP	PRI
04		02N
04	4004	02N
04	4004	02N

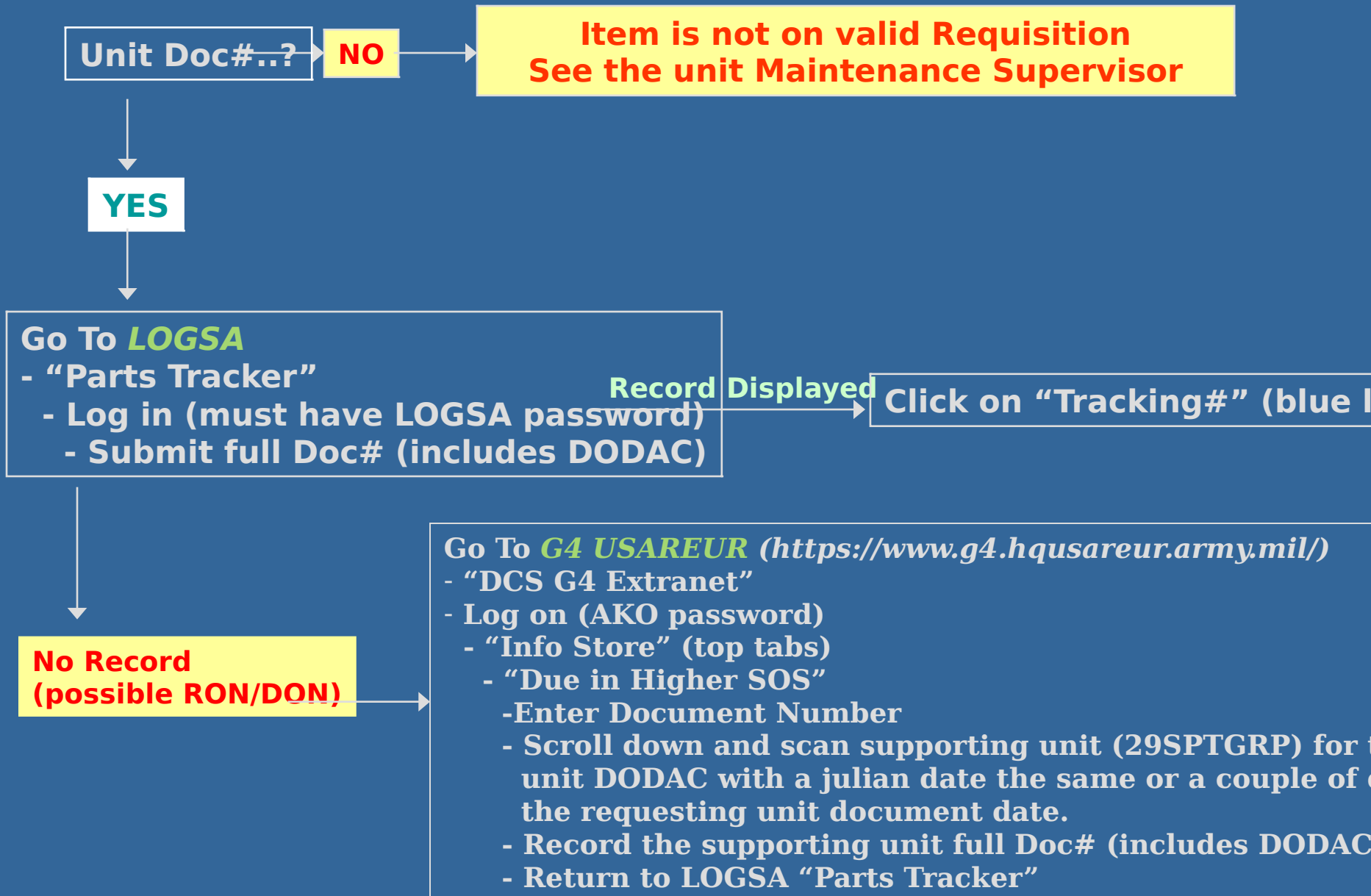
MAINTENANCE FAULTS

ITEM NUMBER	FAULT DATE	FAULT STATUS	FAULT DISCRIPTION	CORRECTIVE ACTION	HRS	LIC
01	4 Jan 04	X	Buffer Cracked			
02	4 Jan 04	/	Swivel bent			
03	4 Jan 04	X	Forward Assist slips			

“I’m Not Getting My Parts”



Getting Parts Status



Other SSA parts availability

Go To **G4 USAREUR**

(<https://www.g4.hqusareur.army.mil/>)

- “DCS G4 Extranet”
- Log on (AKO password)
 - “Info Store” (top tabs)
 - “Custodial ABF Search by NIIN”
- Enter NIIN
 - Scroll down and scan the On Hand Quantities, noting the “RIC” and condition codes
- Go back to the search screen
- use the drop down box to ID unit by

RIC

Publications Resources

Publication Sites

<http://www.logsa.army.mil/pubs.htm>

The screenshot shows a web browser window displaying the LOGSA (Logistics Support Agency) website. The browser's address bar shows the URL <http://www.logsa.army.mil/pubs.htm>. The website has a dark blue header with the LOGSA logo on the left and navigation links on the right: "System Access Request (SAR)" with a green arrow, "Site Map" with a green arrow, "Comments Questions" with a blue arrow, and "Search the LOGSA Site" with a red arrow. A left sidebar contains a vertical menu with the following items: "Introduction", "Commander's Message", "The Organization", "Directories", "Products & Services", "What's New", "WebLOG", "Publications & Forms" (highlighted in white), and "Links". The main content area is titled "Publications & Forms" in a large, stylized font. Below the title, there are three main sections. The first section is for "PS Magazine Online", described as "The Preventive Maintenance Monthly". It includes a cartoon character of a soldier in a speech bubble saying "PS MAGAZINE IS NOW ONLINE CHECK IT OUT" and a link: "Go to the Online Edition of PS Magazine". The second section is for "Electronic Technical Manuals ETMs ONLINE", described as "Your source for the most up-to-date technical publications available on your equipment." It includes a small image of a computer monitor displaying technical data and a link: "Go to Electronic Technical Manuals Online". The third section is for "Electronic Technical Manuals - ETMs on CD-ROM ETM Bulletin", described as "Your Source for the Latest ETM Information...!". It includes a small image of a CD-ROM and a laptop, and a link: "View the Electronic Technical Manuals Bulletin". At the bottom of the page, there is a link for "Department of the Army Supply Catalogs".

LOGSA

System Access Request (SAR) Site Map Comments Questions Search the LOGSA Site

Publications & Forms

Introduction
Commander's Message
The Organization
Directories
Products & Services
What's New
WebLOG
Publications & Forms
Links

PS MAGAZINE IS NOW ONLINE CHECK IT OUT

Now you can read...
PS Magazine Online
The Preventive Maintenance Monthly

[Go to the Online Edition of PS Magazine](#)

Electronic Technical Manuals
ETMs ONLINE
Your source for the most up-to-date technical publications available on your equipment.

[Go to Electronic Technical Manuals Online](#)

Electronic Technical Manuals - ETMs on CD-ROM
ETM Bulletin
Your Source for the Latest ETM Information...!

[View the Electronic Technical Manuals Bulletin](#)

Department of the Army Supply Catalogs

Publications Resources

Publication Sites

<http://www.usapa.army.mil/>



The screenshot shows a web browser window displaying the U.S. Army Publishing Agency Home Page. The page has a white background with a blue header area. On the left side, there is a vertical navigation menu with various links and icons. The main content area on the right features a welcome message, a mission statement, a date/time display, and several sections of important announcements and news. The browser's address bar shows the URL <http://www.usapa.army.mil/>.

Welcome to the U.S. Army Publishing Agency Home Page

USAPA is the *Army's* leader in publishing and distributing information products, employing advanced technologies to ensure responsive support worldwide. Our primary mission is supplying information to enhance the readiness of the **total force**.

● The current date/time is - Thu Dec 28 07:18:05 EST 2000 ●

ATTENTION:

1. [Important announcement](#) about AR 670-1 (Wear and Appearance of Army Uniforms and Insignia)
2. [Important announcement](#) about the Army-wide Enterprise Forms Software Site License

[News and Official Information!](#) **NEW!** as of - 12/14/00
-Please Read This-

[Army Administrative Electronic Publications](#) (ARs, DA Pamphlets, Circulars, etc.)
This library consists of the HTML, PDF, BOO, and XML files.

[Army Electronic Forms](#)
These forms are in FormFlow, FormFlow 99, PDF, JetForm and Novell InForm formats.

[Publications Ordering and Subscription System](#)
Resupply & ID Ordering System for Army Publications and Forms

[Publications Ordering for the General Public](#) {External Site}
National Technical Information Service

PCO/FMO Training Workshop 2000 Training Table Slides and Handout **NEW!**
Centralized Publishing Branch, Publishing Division [handouts](#)
Electronic Technology Branch, Publishing Division [slides](#)

Left Sidebar:

-  **WARNING!**
[READ THE DISCLAIMERS!](#)
FOR UNCLASSIFIED,
NON-SENSITIVE,
NON-PRIVACY ACT
USE ONLY
-  **DA PAM**
[25-30 Extract for Resupply Items](#)
-  **FAQS**
[Frequently Asked Questions](#)
-  **Customer Service**
[\(Publication Orders\)](#)
-  **USAPA Publications**

Publications Resources

Publication Sites

<http://155.217.58.58/atdls.htm>

The screenshot shows a web browser window displaying the "General Dennis J. Reimer Training & Doctrine Digital Library". The page features a header with the title and a circular portrait of General Reimer. Below the header, a large section titled "General Dennis J. Reimer Training and Doctrine Digital Library" includes a globe graphic and the "ARMY values" logo. To the left, a black box contains text about the library's dedication to General Reimer and his tenure as Chief of Staff of the Army from June 20, 1995, to June 21, 1999. Below this, a row of seven small book covers is displayed, each with a title: "INNOVATION", "DUTY", "RESPONSIBILITY", "COURAGE", "HONOR", "LOYALTY", and "COMMITMENT". A red banner with the quote "Soldiers are our credentials." is positioned below the book covers. At the bottom of the main content area, there are three links: "General Dennis J. Reimer's Biography", "Enter the Library", and "Privacy and Security Notice". The footer contains a navigation bar with buttons for "The Library", "What's Hot!", "Register", "Search", "Schools", "Documents", "System/Strategies", "Other Sites", and "Help".

General Dennis J. Reimer Training & Doctrine Digital Library

General Dennis J. Reimer Training and Doctrine Digital Library

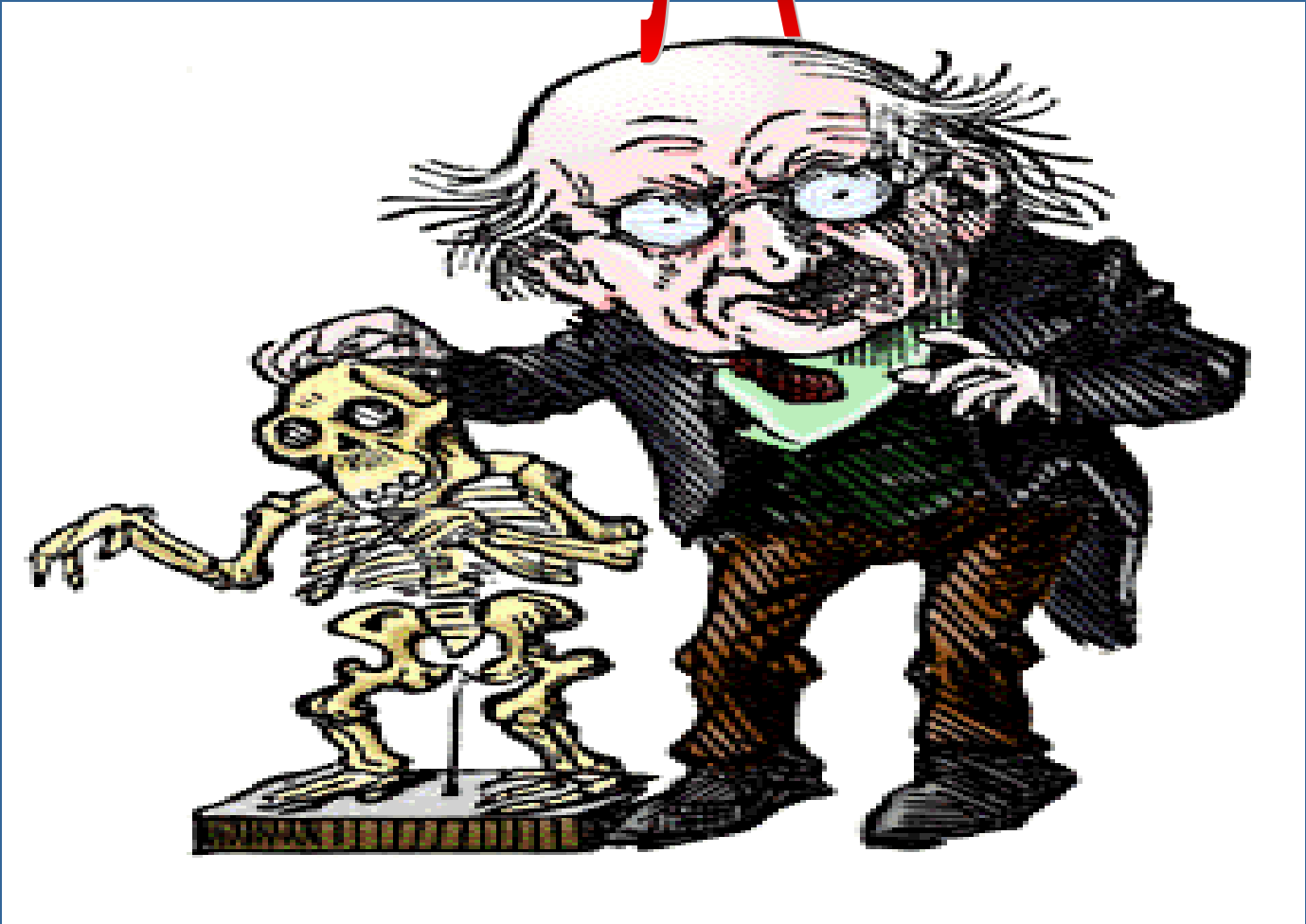
ARMY values

"Soldiers are our credentials."

[General Dennis J. Reimer's Biography](#) [Enter the Library](#) [Privacy and Security Notice](#)

The Library What's Hot! Register Search Schools Documents System/Strategies Other Sites Help

Are There any Questions?



DA Form 5988 Practical Exercise



Let's See What We Learned....

PMCS PE

✓ You are conducting a quarterly service on an M16A2. Use the appropriate TM to conduct the Service. During the PMCS the following faults were noted. Annotate the discrepancies on DA Form 5988-E.

- Weapon dirty
- Finish worn, less than 1/3
- Rear receiver pin loose.
- Charging handle does not lock in place.
- Forward assist slips
- Bolt ring missing, bolt face pitted.
- Firing pin bent
- Sling swivel
- Fails function check
- Annual gauging is overdue